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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Customer No. 22,852

Attorney Docket No. 01413.0010-00

In re Application of:

Jeffrey D. SAFFER et al.

Application No.: 09/409,260

Filed: September 30, 1999

For: METHOD AND APPARATUS FOR  
EXTRACTING ATTRIBUTES  
FROM SEQUENCE STRINGS  
AND BIOPOLYMER MATERIAL

) Group Art Unit: 1631

) Examiner: C. MAHATAN

#181B  
Plunkett  
1/23/03

Commissioner for Patents  
Washington, DC 20231

### RESPONSE TO EXAMINER'S ACTION

This is in response to the non-final office action dated August 13, 2002.

Claims 1-13 and 18 were withdrawn from consideration pursuant to a restriction requirement. Claims 14-17 and 19-22 were rejected.

### IN THE CLAIMS:

Please substitute the following claims 14-17 and 19-22:

31  
14. A method for generating a high-dimensional vector for at least one of a plurality of biopolymer materials represented in a set of sequence data, the method comprising:  
comparing sequence data regarding each biopolymer material to sequence data regarding each other biopolymer material to provide a respective comparison result;